

DY1103 Gulf of Alaska ME70

[spatialRepresentationInfo](#)
[referenceSystemInfo](#)
[identificationInfo](#)
[distributionInfo](#)
[acquisitionInformation](#)

(MI_Metadata)

fileIdentifier: DY1103-ME70

language: eng; USA

characterSet: (MD_CharacterSetCode) utf8

hierarchyLevel: (MD_ScopeCode) series

hierarchyLevelName: Multibeam Collection Level Metadata

contact: (CI_ResponsibleParty) *uuid: 80c292e0-46ac-11e1-b86c-0800200c9a66*

individualName: Wilson, Chris

organisationName:

Anchor: *onRequest xlink: <http://get.rvdata.us/voc/organization/gov.noaa.afsc>* gov.noaa.afsc

contactInfo: (CI_Contact)

address: (CI_Address)

electronicMailAddress: chris.wilson@noaa.gov

role: (CI_RoleCode) pointOfContact

dateStamp: 2012-01-26

metadataStandardName: ISO 19115-2 Geographic Information - Metadata Part 2 Extensions for imagery and gridded data

metadataStandardVersion: ISO 19115-2:2009(E)

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spatialRepresentationInfo: (MD_VectorSpatialRepresentation)

geometricObjects: (MD_GeometricObjects)

geometricObjectType: (MD_GeometricObjectTypeCode) curve

geometricObjectCount: 8776

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referenceSystemInfo: (MD_ReferenceSystem)

referenceSystemIdentifier: (RS_Identifier)

authority: (CI_Citation) *uuid: AA2BDCD6-E10D-CCFB-E040-0AC8C5BB44001*

title: European Petroleum Survey Group (EPSG) Geodetic Parameter Registry

date: (CI_Date)

date: 2008-11-12

dateType: (CI_DateTypeCode) publication

edition: Version: 7.8.4

editionDate: 2011-06-30

citedResponsibleParty: (CI_ResponsibleParty)

organisationName: European Petroleum Survey Group

contactInfo: (CI_Contact)

onlineResource: (CI_OnlineResource)

linkage: <http://www.epsg-registry.org/>

name: European Petroleum Survey Group Geodetic Parameter Dataset

description: Registry that accesses the EPSG Geodetic Parameter Dataset, which is a structured dataset of Coordinate Reference Systems and Coordinate Transformations.

function: (CI_OnLineFunctionCode) search
role: (CI_RoleCode) publisher
code: EPSG::2346
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identificationInfo: (MD_DataIdentification)
citation: (CI_Citation)
title: DY1103 Gulf of Alaska ME70
date: (CI_Date)
date: 2012-01-26
dateType: (CI_DateTypeCode) creation
identifier: (MD_Identifier)
code: DY1103-ME70
abstract: ME70 data collected during the NOAA ship Oscar Dyson summer 2011 Gulf of Alaska pollock survey.
purpose: Scientists from the Midwater Assessment and Conservation Engineering (MACE) Program of the Alaska Fisheries Science Center's (AFSC) Resource Assessment and Conservation Engineering (RACE) Division routinely conduct acoustic-trawl (AT) stock assessment surveys to estimate the distribution and abundance of walleye pollock (*Theragra chalcogramma*). The summer 2011 cruise onboard NOAA Ship Oscar Dyson was conducted from June 9, 2011 to August 9, 2011 in the western-central Gulf of Alaska. Acoustic data was collected using Simrad EK60 scientific echosounder and Simrad ME70 multibeam echosounder systems mounted on the hull of the Oscar Dyson. The purposes of the cruise included the collection of acoustic and trawl (AT) data necessary to determine the distribution, biomass, and biological composition of walleye pollock and other major fish species; calibrate the ER60 and ME70 acoustic systems using standard sphere calibration techniques; collect physical oceanographic data (temperature and salinity profiles) at selected sites, and continuously collect sea surface temperature and salinity data; conduct trawl hauls (AWT, PNE, and Methot) to ground truth multi-frequency echo integration data collection; collect data on fish distributions and school characteristics and the sea floor using the ME70 multi-beam echosounder.
status: (MD_ProgressCode) completed
pointOfContact: (CI_ResponsibleParty)
individualName: Wilson, Chris
organisationName:
Anchor: *onRequest xlink:* <http://get.rvdata.us/voc/organization/gov.noaa.afsc> gov.noaa.afsc
positionName:
Anchor: *onRequest xlink:* <http://get.rvdata.us/voc/roletype/100001> Scientist, Chief
contactInfo: (CI_Contact)
address: (CI_Address)
electronicMailAddress: chris.wilson@noaa.gov
role: (CI_RoleCode) principalInvestigator
resourceMaintenance: (MD_MaintenanceInformation)
maintenanceAndUpdateFrequency: (MD_MaintenanceFrequencyCode) notPlanned
descriptiveKeywords: (MD_Keywords)
keyword:
Anchor: *onRequest xlink:* <http://vocab.ndg.nerc.ac.uk/term/P041/4/G801> EARTH SCIENCE > Oceans > Bathymetry/Seafloor Topography > Bathymetry
keyword:
Anchor: *onRequest xlink:* <http://vocab.ndg.nerc.ac.uk/term/P041/4/G799> EARTH SCIENCE > Oceans > Aquatic Sciences > Fisheries
keyword:
Anchor: *onRequest xlink:* <http://vocab.ndg.nerc.ac.uk/term/P04/4/G313> EARTH SCIENCE > Biosphere > Aquatic Habitat > Benthic Habitat
type: (MD_KeywordTypeCode) theme
thesaurusName: (CI_Citation)
title: NASA/Global Change Master Directory (GCMD) Earth Science Keywords
date: *unknown*
edition: Version 6.0.0.0.0

citedResponsibleParty: (CI_ResponsibleParty)
organisationName: GCMD User Support Office
contactInfo: (CI_Contact)
address: (CI_Address)
electronicMailAddress: gcmduso@gcmd.gsfc.nasa.gov
onlineResource: (CI_OnlineResource)
linkage: http://gcmd.nasa.gov/Resources/valids/archives/keyword_list.html
name: GCMD's Science Keywords and Associated Directory Keywords
description: Published keywords from GCMD database.
function: (CI_OnLineFunctionCode) information
role: (CI_RoleCode) custodian
descriptiveKeywords: (MD_Keywords)
keyword:
Anchor: *onRequest xlink:* <http://vocab.ndg.nerc.ac.uk/term/C161/8/58> Gulf of Alaska
type: (MD_KeywordTypeCode) place
thesaurusName: (CI_Citation)
title: International Hydrographic Organization (IHO) Sea Area ("Limits of Oceans and Seas" publication S-23)
date: (CI_Date)
date: 2010-08-24
dateType: (CI_DateTypeCode) revision
citedResponsibleParty: (CI_ResponsibleParty)
organisationName: International Hydrographic Organization (IHO) Sea Area ("Limits of Oceans and Seas" publication S-23)
contactInfo: (CI_Contact)
onlineResource: (CI_OnlineResource)
linkage: http://www.iho-ohi.net/iho_pubs/standard/S-23/S23_1953.pdf
name: International Hydrographic Organization (IHO) Sea Area ("Limits of Oceans and Seas" publication S-23)
description: Publication of Sea Areas is maintained by IHO.
function: (CI_OnLineFunctionCode) information
role: (CI_RoleCode) resourceProvider
resourceConstraints: (MD_Constraints)
useLimitation: Data not to be used for navigation.
aggregationInfo: (MD_AggregateInformation)
aggregateDataSetIdentifier: (MD_Identifier)
code: DY1103
associationType: (DS_AssociationTypeCode) largerWorkCitation
initiativeType: (DS_InitiativeTypeCode) operation
aggregationInfo: (MD_AggregateInformation)
aggregateDataSetIdentifier: (MD_Identifier)
code: Midwater Assessment and Conservation Engineering
associationType: (DS_AssociationTypeCode) largerWorkCitation
initiativeType: (DS_InitiativeTypeCode) program
language: eng; USA
topicCategory: (MD_TopicCategoryCode) oceans
topicCategory: (MD_TopicCategoryCode) geoscientificInformation
extent: (EX_Extent) *boundingExtent*
geographicElement: (EX_GeographicBoundingBox) *boundingGeographicBoundingBox*
westBoundLongitude: -170.0937
eastBoundLongitude: -151.0974
southBoundLatitude: 52.3302
northBoundLatitude: 59.2459
temporalElement: (EX_TemporalExtent) *boundingTemporalExtent*
extent:
TimePeriod: *DY1103-ME70_timespan*
beginPosition: 2011-06-15T09:16:48

endPosition: 2011-08-12T22:51:59

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distributionInfo: (MD_Distribution)

distributionFormat: (MD_Format)

name: Kongsberg/Simrad ME70 raw format

version: *inapplicable*

specification: Kongsberg/Simrad ME70 raw files are functionally equivalent to Ex60 raw files and contain power and optionally angular position data with each beam identified by an independent transducer channel. See the Simrad ME70 interface specification manual for further information.

distributor: (MD_Distributor)

distributorContact: (CI_ResponsibleParty)

individualName: Wilson, Chris

organisationName:

Anchor: *onRequest xlink:*

<http://get.rvdata.us/voc/organization/gov.noaa.afsc> gov.noaa.afsc

contactInfo: (CI_Contact)

address: (CI_Address)

electronicMailAddress: chris.wilson@noaa.gov

role: (CI_RoleCode) distributor

distributionOrderProcess: (MD_StandardOrderProcess)

fees: None

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acquisitionInformation: (MI_AcquisitionInformation)

instrument: (MI_Instrument)

identifier: (MD_Identifier)

code: Kongsberg/Simrad ME70

type:

Anchor: *xlink:* <http://get.rvdata.us/voc/devicetype/multibeam> multibeam

description: The Kongsberg/Simrad ME70 is a Scientific multibeam echo sounder system designed for fishery research applications. The ME70 is a downward looking system operating with a stabilized fan of 3 to 45 calibrated beams in the frequency range of 70 to 120 kHz and is used for fish behaviour studies, fish school characterization and other purposes.

operation: (MI_Operation)

identifier: (MD_Identifier)

code: DY1103

status: (MD_ProgressCode) complete

parentOperation: *inapplicable*